c. a processor connected to said bus, said processor configured to allocate communications bandwidth to said user connections serviced by said at least one communications interface based on at least one set of priorities,

in which one set of priorities comprises priorities based on type of information being retrieved.

4. (Amended) [The apparatus of claim 1,] Computer apparatus for allocating communications bandwidth to a plurality of user connections, comprising:

a. a bus;

b. at least one communications interface connected to said bus; and

c. a processor connected to said bus, said processor configured to allocate communications bandwidth to said user connections serviced by said at least one communications interface based on at least one set of priorities,

in which one set of priorities comprises priorities based on how fast user connections can receive information.

5. (Amended) [The apparatus of claim 1,] Computer apparatus for allocating communications bandwidth to a plurality of user connections, comprising:

a. a bus;

b. at least one communications interface connected to said bus; and

c. a processor connected to said bus, said processor configured to allocate communications bandwidth to said user connections serviced by said at least one communications interface based on at least one set of priorities,

in which one set of priorities comprises priorities based on which part of a document is being transmitted.

6. (Amended) [The apparatus of claim 1,] Computer apparatus for allocating communications bandwidth to a plurality of user connections, comprising:

a. a bus;

b. at least one communications interface connected to said bus; and

c. a processor connected to said bus, said processor configured to allocate communications bandwidth to said user connections serviced by said at least one communications interface based on at least one set of priorities,

in which one set of priorities comprises priorities based on user identity.

7. (Amended) [The apparatus of claim 1,] Computer apparatus for allocating communications bandwidth to a plurality of user connections, comprising:

a. a bus;

b. at least one communications interface connected to said bus; and

c. a processor connected to said bus, said processor configured to allocate communications bandwidth to said user connections serviced by said at least one communications interface based on at least one set of priorities,

in which one set of priorities comprises priorities based on stored indicia indicating importance of the document.

9. (Amended) [The apparatus of claim 8,] Computer apparatus for allocating communications bandwidth to a plurality of server connections, comprising:

a. a bus;

b. at least one communications interface connected to said bus; and

c. a processor connected to said bus, said processor configured to allocate communications bandwidth to server connections serviced by said at least one communications interface based on at least one set of priorities,

in which one set of priorities comprises priorities based on the state of application processes running on said processor.